

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S293  | 4    | (coffey with joseph).in. and (wdm or wavelength division multiplex\$3)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/08/26<br>16:05 |
| S292  | 67   | (coffey with joseph).in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/08/26<br>16:05 |
| S294  | 4    | (choy with michael).in. and (wdm or wavelength division multiplex\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/08/26<br>16:06 |
| S295  | 60   | ("4343532"   "4467468"  <br>"4673270"   "4792999"  <br>"4824193"   "4824200"  <br>"4882774"   "4893002"  <br>"4941208"   "5040169"  <br>"5064263"   "5074634"  <br>"5157530"   "5224183"  <br>"5226100"   "5347601"  <br>"5392377").PN. OR<br>("5825949").URPN. | US-PGPUB;<br>USPAT; USOCR                               | ADJ              | ON      | 2009/08/26<br>16:16 |
| S297  | 13   | S296 not S295   | US-PGPUB;<br>USPAT; USOCR                               | ADJ              | ON      | 2009/08/26<br>16:26 |
| S296  | 36   | ("4343532"   "4430700"  <br>"4673270"   "4792999"  <br>"4824193"   "4824200"  <br>"4941208"   "5040169"  <br>"5064263"   "5074634"  <br>"5157530"   "5224183"  <br>"5226100"   "5347601"  <br>"5392377").PN. OR<br>("5487120").URPN.                            | US-PGPUB;<br>USPAT; USOCR                               | ADJ              | ON      | 2009/08/26<br>16:26 |

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|------|----|---|---|-----|----|---------------------|
| S298 | 0  | (native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex \$3 or wdm) and (optical near electric\$3 or O/E or e/o) and (electric\$2 to electric\$2) and ((removeabl\$3 or removabl\$3) with direct\$2) with (coupl\$3 or mat\$3 or insert\$3 or plug\$5) and CPU and wavelength and (398/67,68,79,82,164 or 385/24).ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>17:00 |
| S299 | 0  | (native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex \$3 or wdm) and (optical near electric\$3 or O/E or e/o) and (electric\$2 to electric\$2) and (coupl\$3 or mat\$3 or insert\$3 or plug\$5) and CPU and wavelength and (398/67,68,79,82,164 or 385/24).ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>17:01 |
| S301 | 0  | (native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex \$3 or wdm) and ((optical near electric\$3) or O/E or e/o) and (electric\$2 to electric\$2) and (398/67,68,79,82,164 or 385/24).ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>17:02 |
| S300 | 0  | (native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex \$3 or wdm) and (optical near electric\$3 or O/E or e/o) and (electric\$2 to electric\$2) and (398/67,68,79,82,164 or 385/24).ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>17:02 |
| L1   | 17 | (native or raw or origin\$2) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex \$3 or wdm) and ((optical near electric\$3) or O/E or e/o) and (398/67,68,79,82,164 or 385/24).ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:26 |

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| L2 | 2 | (native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex \$3 or wdm) and ((optical near electric\$3) or O/E or e/o) and (398/67,68,79,82,164 or 385/24).ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:27 |
| L3 | 1 | ((native or raw or origin\$2) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and ((optical near electric\$3) or O/E or e/o)).clm. and (398/67,68,79,82,164 or 385/24).ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:28 |
| L6 | 0 | (native or raw or origin\$2) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and ((optical near electric\$3) or O/E or e/o) and (electric\$2 to electric\$2 or electric\$2 card) (398/67,68,79,82,164 or 385/24).ccls.     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:32 |
| L8 | 0 | ((optical near electric\$3) or O/E or e/o) and ((electric\$2 to electric\$2) or electric\$2 card) (398/67,68,79,82,164 or 385/24).ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:34 |
| L7 | 0 | (native or raw or origin\$2) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and ((optical near electric\$3) or O/E or e/o) and ((electric\$2 to electric\$2) or electric\$2 card) (398/67,68,79,82,164 or 385/24).ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:34 |
| L9 | 1 | (native or raw or origin\$2) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and ((optical near electric\$3) or O/E or e/o) and (electric\$2 to electric\$2 or electric\$2 card) and (398/67,68,79,82,164 or 385/24).ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:35 |

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|-----|---|--|---|-----|----|---------------------|
| L10 | 0 | (origin\$2 or native or raw)<br>adj2 (data or format or<br>protocol) same conver\$5 and<br>(cwm or wavelength division<br>multiplex\$3 or wdm) and<br>(optical near electric\$3 or O/E<br>or e/o) and (electric\$2 to<br>electric\$2) and<br>(398/67,68,79,82,164 or<br>385/24).ccls.                          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:37 |
| L11 | 0 | (origin\$2 or native or raw)<br>adj2 (data or format or<br>protocol) same conver\$5 and<br>(cwm or wavelength division<br>multiplex\$3 or wdm) and<br>(optical near electric\$3 or O/E<br>or e/o) and (electric\$2 to<br>electric\$2) and<br>(398/67,68,79,82,164 or<br>385/24).ccls.                          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:38 |
| L12 | 0 | (origin\$2 or native or raw)<br>adj2 (data or format or<br>protocol) same conver\$5 and<br>(cwm or wavelength division<br>multiplex\$3 or wdm) and<br>((optical near electric\$3) or O/<br>E or e/o) and (electric\$2 to<br>electric\$2) and<br>(398/67,68,79,82,164 or<br>385/24).ccls.                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:39 |
| L15 | 0 | (electric\$2 to electric\$2) and<br>(398/67,68,79,82,164 or<br>385/24).ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:41 |
| L14 | 3 | ((electric\$2 to electric\$2) or<br>electric\$2 card) and<br>(398/67,68,79,82,164 or<br>385/24).ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:41 |
| L13 | 1 | (origin\$2 or native or raw)<br>adj2 (data or format or<br>protocol) same conver\$5 and<br>(cwm or wavelength division<br>multiplex\$3 or wdm) and<br>((optical near electric\$3) or O/<br>E or e/o) and ((electric\$2 to<br>electric\$2) or electric\$2 card)<br>and (398/67,68,79,82,164 or<br>385/24).ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:41 |
| L17 | 0 | "electric\$2 to electric\$2"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:42 |

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| L16 | 0  | (electric\$2 to electric\$2)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:42 |
| L20 | 0  | (coffey with joseph).in. and<br>(electric\$2 to)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:44 |
| L19 | 43 | (coffey with joseph).in. and<br>(electric\$2)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:44 |
| L18 | 0  | (coffey with joseph).in. and<br>(electric\$2 to electric\$2)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:44 |
| L23 | 1  | (coffey with joseph).in. and<br>(electrical near electrical)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:45 |
| L22 | 0  | (electrical to electrical)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:45 |
| L21 | 0  | (coffey with joseph).in. and<br>(electrical to electrical)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:45 |
| L24 | 4  | (coffey with joseph).in. and<br>(electric\$2 near2 electric\$2)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:46 |
| L25 | 0  | (origin\$2 or native or raw)<br>adj2 (data or format or<br>protocol) same conver\$5 and<br>(cwdm or wavelength division<br>multiplex\$3 or wdm) and<br>(optical near electric\$3 or O/E<br>or e/o) and (electric\$2 near2<br>electric\$2 or electric\$2 card)<br>and ((removeabl\$3 or removabl<br>\$3) with direct\$2) with (coupl<br>\$3 or mat\$3 or insert\$3 or plug<br>\$5) and CPU and wavelength<br>and (398/67,68,79,82,164 or<br>385/24).ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:47 |

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|-----|---|--|---|-----|----|---------------------|
| L26 | 0 | (origin\$2 or native or raw)<br>adj2 (data or format or<br>protocol) same conver\$5 and<br>(cwdm or wavelength division<br>multiplex\$3 or wdm) and<br>(optical near electric\$3 or O/E<br>or e/o) and ((electric\$2 near2<br>electric\$2) or electric\$2 card)<br>and ((removeabl\$3 or removabl<br>\$3) with direct\$2) with (coupl<br>\$3 or mat\$3 or insert\$3 or plug<br>\$5) and CPU and wavelength<br>and (398/67,68,79,82,164 or<br>385/24).ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | ADJ | ON | 2009/08/26<br>20:48 |
| L28 | 2 | (origin\$2 or native or raw)<br>adj2 (data or format or<br>protocol) same conver\$5 and<br>(cwdm or wavelength division<br>multiplex\$3 or wdm) and<br>(optical near electric\$3 or O/E<br>or e/o) and ((electric\$2 near2<br>electric\$2) or electric\$2 card)<br>and (coupl\$3 or mat\$3 or insert<br>\$3 or plug\$5) and CPU and<br>wavelength and<br>(398/67,68,79,82,164 or<br>385/24).ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:49 |
| L32 | 1 | (origin\$2 or native or raw)<br>adj2 (data or format or<br>protocol) same conver\$5 and<br>(cwdm or wavelength division<br>multiplex\$3 or wdm) and<br>(optical near electric\$3 or O/E<br>or e/o) and ((electric\$2 near2<br>electric\$2) or electric\$2 card)<br>and (removeabl\$3 or removabl<br>\$3) with (connect\$4or coupl\$3<br>or mat\$3 or insert\$3 or plug<br>\$5) and (398/67,68,79,82,164<br>or 385/24).ccls.                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/26<br>20:52 |
| L29 | 1 | (origin\$2 or native or raw)<br>adj2 (data or format or<br>protocol) same conver\$5 and<br>(cwdm or wavelength division<br>multiplex\$3 or wdm) and<br>(optical near electric\$3 or O/E<br>or e/o) and ((electric\$2 near2<br>electric\$2) or electric\$2 card)<br>and (removeabl\$3 or removabl<br>\$3) with (connect\$4or coupl\$3<br>or mat\$3 or insert\$3 or plug<br>\$5) and CPU and wavelength<br>and (398/67,68,79,82,164 or<br>385/24).ccls.      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | ADJ | ON | 2009/08/26<br>20:52 |

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|-----|---|--|--|-----|----|------------------|
| L33 | 1 | (origin\$2 or native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and (optical near electric\$3 or O/E or e/o) and ((electric\$2 near2 electric\$2) or electric\$2 card) and (removeabl\$3 or removabl\$3) with (connect\$4 or coupl\$3 or mat\$3 or insert\$3 or plug\$5) and CPU and wavelength                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB              | ADJ | ON | 2009/08/26 21:12 |
| L35 | 1 | (origin\$2 or native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and (optical near electric\$3 or O/E or e/o) and ((electric\$2 near2 electric\$2) or electric\$2 card) and (removeabl\$3 or removabl\$3) with (connect\$4 or coupl\$3 or mat\$3 or insert\$3 or plug\$5) and (398/67,68,79,82,164 or 385/24).ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/26 21:13 |
| L37 | 1 | (origin\$2 or native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and (optical near electric\$3 or O/E or e/o) and ((electric\$2 near2 electric\$2) or electric\$2 card) and (removeabl\$3 or removabl\$3) with (connect\$4 or coupl\$3 or mat\$3 or insert\$3 or plug\$5)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/26 21:14 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query  | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------|------------------|---------|------------------|
| L4    | 0    | ((native or raw or origin\$2) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and ((optical near electric\$3) or O/E or e/o)).clm. and (398/67,68,79,82,164 or 385/24).ccls. | USPAT; UPAD | ADJ              | ON      | 2009/08/26 20:28 |

|     |    |   |                |     |    |                     |
|-----|----|---|----------------|-----|----|---------------------|
| L5  | 10 | ((native or raw or origin\$2) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and ((optical near electric\$3) or O/E or e/o) and (398/67,68,79,82,164 or 385/24). ccls.  | USPAT;<br>UPAD | ADJ | ON | 2009/08/26<br>20:29 |
| L27 | 0  | (origin\$2 or native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and (optical near electric \$3 or O/E or e/o) and ((electric \$2 near2 electric\$2) or electric\$2 card) and ((removeabl\$3 or removabl\$3) with direct\$2) with (coupl\$3 or mat\$3 or insert\$3 or plug\$5) and CPU and wavelength and (398/67,68,79,82,164 or 385/24). ccls. | USPAT;<br>UPAD | ADJ | ON | 2009/08/26<br>20:48 |
| L31 | 0  | (origin\$2 or native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and (optical near electric \$3 or O/E or e/o) and ((electric \$2 near2 electric\$2) or electric\$2 card) and (removeabl\$3 or removabl\$3) with (connect\$4or coupl\$3 or mat\$3 or insert\$3 or plug\$5) and (398/67,68,79,82,164 or 385/24). ccls.                            | USPAT;<br>UPAD | ADJ | ON | 2009/08/26<br>20:52 |
| L30 | 0  | (origin\$2 or native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and (optical near electric \$3 or O/E or e/o) and ((electric \$2 near2 electric\$2) or electric\$2 card) and (removeabl\$3 or removabl\$3) with (connect\$4or coupl\$3 or mat\$3 or insert\$3 or plug\$5) and CPU and wavelength and (398/67,68,79,82,164 or 385/24). ccls.     | USPAT;<br>UPAD | ADJ | ON | 2009/08/26<br>20:52 |



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|-----|---|---|----------------|-----|----|---------------------|
| L34 | 0 | (origin\$2 or native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and (optical near electric \$3 or O/E or e/o) and ((electric \$2 near2 electric\$2) or electric\$2 card) and (removeabl\$3 or removabl\$3) with (connect\$4 or coupl\$3 or mat\$3 or insert\$3 or plug\$5) and CPU and wavelength                     | USPAT;<br>UPAD | ADJ | ON | 2009/08/26<br>21:12 |
| L36 | 0 | (origin\$2 or native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and (optical near electric \$3 or O/E or e/o) and ((electric \$2 near2 electric\$2) or electric\$2 card) and (removeabl\$3 or removabl\$3) with (connect\$4 or coupl\$3 or mat\$3 or insert\$3 or plug\$5) and (398/67,68,79,82,164 or 385/24). ccls. | USPAT;<br>UPAD | ADJ | ON | 2009/08/26<br>21:13 |
| L38 | 0 | (origin\$2 or native or raw) adj2 (data or format or protocol) same conver\$5 and (cwdm or wavelength division multiplex\$3 or wdm) and (optical near electric \$3 or O/E or e/o) and ((electric \$2 near2 electric\$2) or electric\$2 card) and (removeabl\$3 or removabl\$3) with (connect\$4 or coupl\$3 or mat\$3 or insert\$3 or plug\$5)  | USPAT;<br>UPAD | ADJ | ON | 2009/08/26<br>21:14 |

8/ 26/ 2009 9:35:31 PM

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